

## Claims

1. An image processing system, comprising:
  - an image selecting device for selecting computer graphics in a figure
  - 5 corresponding to a figure of an actual object and a positional relationship between an observer, who is viewing the actual object, and the actual object;
  - a nimbus generating device for generating a nimbus image around a periphery of the computer graphics;
  - a combined image generating device for generating a combined image
  - 10 combining the computer graphics and the nimbus image; and
  - an image display processing device for displaying the combined image on an display which is viewed by the observer so that the combined image is superimposed on the actual object.
- 15 2. An image processing system, comprising:
  - an image processing device having an image selecting device for selecting computer graphics in a figure corresponding to a figure of an actual object and a positional relationship between an observer, who is viewing the actual object, and the actual object; a nimbus generating device for
  - 20 generating a nimbus image around a periphery of the computer graphics; a combined image generating device for generating a combined image combining the computer graphics and the nimbus image; and a combined image sending device for sending the combined image to the observer side; and
  - 25 a display device having an image display processing device for displaying the combined image, which is sent from said combined image

sending device, on an display which is viewed by the observer so that the combined image is superimposed on the actual object.

3. An image processing system, comprising:

5 an image generating device for generating computer graphics in a figure corresponding to a figure of an actual object and a positional relationship between an observer, who is viewing the actual object, and the actual object;

a nimbus generating device for generating a nimbus image around a  
10 periphery of the computer graphics;

a combined image generating device for generating a combined image combining the computer graphics and the nimbus image; and

an image display processing device for displaying the combined  
15 image on an display which is viewed by the observer so that the combined image is superimposed on the actual object.

4. An image processing system, comprising:

an image processing device having an image generating device for  
generating computer graphics in a figure corresponding to a figure of an  
20 actual object and a positional relationship between an observer, who is viewing the actual object, and the actual object; a nimbus generating device for generating a nimbus image around a periphery of the computer graphics; a combined image generating device for generating a combined image combining the computer graphics and the nimbus image; and a combined  
25 image sending device for sending the combined image to the observer side;  
and

a display device having an image display processing device for displaying the combined image, which is sent from said combined image sending device, on an display which is viewed by the observer so that the combined image is superimposed on the actual object.

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5. The image processing system according to any one of claim 1 to claim 4, wherein said nimbus generating device estimates an error in measurement of a distance between the observer and the actual object, and generates based on the error the nimbus image having an adequate thickness for preventing  
10 the actual object from being seen protruding from a periphery of the computer graphics.

6. The image processing system according to any one of claim 1 to claim 4, wherein said nimbus generating device generates the nimbus image having  
15 an adequate thickness for not showing the observer a displacement which occurs between the actual object and the computer graphics when the actual object or the observer moves.

7. The image processing system according to any one of claim 1 to claim  
20 4, further comprising a detecting device for detecting at least one of a distance and an angle between a display which is viewed by the observer and the actual object and a direction of the actual object seen from the observer.

8. The image processing system according to any one of claim 1 to claim  
25 4, wherein the actual object is a humanoid robot or an animal-type robot other than a human, which can freely move.

9. The image processing system according to any one of claim 1 to claim 4, further comprising a communication device for receiving the computer graphics from outside via a network.

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10. The image processing system according to any one of claim 1 to claim 4,

wherein the computer graphics have a lacking area for showing the observer a second actual object having a part which exists on the observer side than the actual object, and

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wherein said nimbus generating device also generates a nimbus image around a periphery of the lacking area.

11. An image processing device, comprising:

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an image selecting device for selecting computer graphics in a figure corresponding to a figure of an actual object and a positional relationship between an observer, who is viewing the actual object, and the actual object;

a nimbus generating device for generating a nimbus image around a periphery of the computer graphics; and

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a combined image generating device for generating a combined image combining the computer graphics and the nimbus image.

12. An image processing device, comprising:

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an image generating device for generating computer graphics in a figure corresponding to a figure of an actual object and a positional relationship between an observer, who is viewing the actual object, and the

actual object;

a nimbus generating device for generating a nimbus image around a periphery of the computer graphics; and

a combined image generating device for generating a combined image  
5 combining the computer graphics and the nimbus image.

13. The image processing device according to claim 11 or claim 12, wherein said nimbus generating device estimates an error in measurement of a distance between the observer and the actual object, and generates based on  
10 the error the nimbus image having an adequate thickness for preventing the actual object from being seen protruding from a periphery of the computer graphics.

14. The image processing device according to claim 11 or claim 12,  
15 wherein said nimbus generating device generates the nimbus image having an adequate thickness for not showing the observer a displacement which occurs between the actual object and the computer graphics when the actual object or the observer moves.

20 15. The image processing device according to claim 11 or claim 12, further comprising a detecting device for detecting at least one of a distance and an angle between a display which is viewed by the observer and the actual object and a direction of the actual object seen from the observer.

25 16. The image processing device according to claim 11 or claim 12, further comprising a communication device for receiving the computer

graphics from outside via a network.

17. The image processing device according to claim 11 or claim 12,  
wherein the computer graphics have a lacking area for showing the  
5 observer a second actual object having a part which exists on the observer  
side than the actual object, and

wherein said nimbus generating device also generates a nimbus image  
around a periphery of the lacking area.

10 18. An image processing device, comprising:  
means for selecting computer graphics in a figure corresponding to a  
figure of an actual object and a positional relationship between an observer,  
who is viewing the actual object, and the actual object;

means for generating a nimbus image around a periphery of the  
15 computer graphics; and

means for combining the computer graphics and the nimbus image.

19. An image processing device, comprising:  
means for generating computer graphics in a figure corresponding to a  
20 figure of an actual object and a positional relationship between an observer,  
who is viewing the actual object, and the actual object;

means for generating a nimbus image around a periphery of the  
computer graphics; and

means for combining the computer graphics and the nimbus image.

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20. The image processing device according to claim 18 or claim 19,

wherein said means for generating a nimbus image estimates an error in measurement of a distance between the observer and the actual object, and generates based on the error the nimbus image having an adequate thickness for preventing the actual object from being seen protruding from a periphery  
5 of the computer graphics.

21. The image processing device according to claim 18 or claim 19, wherein said means for generating a nimbus image generates the nimbus image having an adequate thickness for not showing the observer a  
10 displacement which occurs between the actual object and the computer graphics when the actual object or the observer moves.

22. The image processing device according to claim 18 or claim 19, further comprising means for detecting at least one of a distance and an angle  
15 between a display which is viewed by the observer and the actual object and a direction of the actual object seen from the observer.

23. The image processing device according to claim 18 or claim 19, further comprising means for receiving the computer graphics from outside  
20 via a network.

24. The image processing device according to claim 18 or claim 19, wherein the computer graphics have a lacking area for showing the observer a second actual object having a part which exists on the observer  
25 side than the actual object, and

wherein said means for generating a nimbus image also generates a

nimbus image around a periphery of the lacking area.

25. A display device, comprising an image display processing device for displaying a combined image, which is generated by combining a nimbus  
5 image generated around a periphery of computer graphics in a figure corresponding to a figure of an actual object and a positional relationship between an observer, who is viewing the actual object, and the actual object, on a display which is viewed by the observer so that the combined image is superimposed on the actual object.

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26. The display device according to claim 25,  
wherein the computer graphics have a lacking area for showing the observer a second actual object having a part which exists on the observer side than the actual object, and

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wherein the nimbus image also exists around the lacking area.